

## **Program D: Technology Assessment**

Program Authorization: R.S. 36:354

### **PROGRAM DESCRIPTION**

The mission of the Technology Assessment Division is to promote and encourage the exploration, production, conservation and efficient use of energy and natural resources in the State of Louisiana. Wise use and conservation of energy and natural resources improve the environment, enhance economic development and ensure a better quality of life for current and future generations. The Technology Assessment Division administers all state and federal energy conservation/management and alternate and renewable energy-related projects implemented through the State Energy Conservation Program (SECP), which manages the remaining elements of the Institutional Conservation Program (ICP) and coordinates funding of applications and reports. Additionally, the program provides technical assistance, information, data, and analysis to the legislature, Secretary, Governor, industry and the public on energy resources, energy use and efficiency. There is one activity in this program: Engineering and Economic Evaluation. The goal of the Technology Assessment Program is to reduce the wasteful consumption of energy resources in the state.

### **OBJECTIVES AND PERFORMANCE INDICATORS**

Unless otherwise indicated, all objectives are to be accomplished during or by the end of FY 2000-2001. Performance indicators are made up of two parts: name and value. The indicator name describes what is being measured. The indicator value is the numeric value or level achieved within a given measurement period. For budgeting purposes, performance indicator values are shown for the prior fiscal year, the current fiscal year, and alternative funding scenarios (continuation budget level and Executive Budget recommendation level) for the ensuing fiscal year (the fiscal year of the budget document).

The objectives and performance indicators that appear below are associated with program funding in the Base Executive Budget for FY 2000-01. Specific information on program funding is presented in the financial sections that follow performance tables.

1. (KEY) To provide energy and natural resources information and analyses within the requested deadline for 80% of such requests.

Strategic Link: Goal 1; Objective I.1: To promptly meet the special information and analysis requests made by the Secretary, the Department, Legislature, Governor, industry and the public by fulfilling 80% of these request within the requested deadline.

Explanatory Note: This is a new objective for which there is no historical information. The program will track requests and fulfillment times to establish a baseline of information to allow a more accurate objective in future years.

LEVEL	PERFORMANCE INDICATOR NAME	PERFORMANCE INDICATOR VALUES					
		YEAREND PERFORMANCE STANDARD FY 1998-1999	ACTUAL YEAREND PERFORMANCE FY 1998-1999	ACT 10 PERFORMANCE STANDARD FY 1999-2000	EXISTING PERFORMANCE STANDARD FY 1999-2000	AT CONTINUATION BUDGET LEVEL FY 2000-2001	AT RECOMMENDED BUDGET LEVEL FY 2000-2001
K	Percentage of reports completed within the requested deadline	Not applicable <sup>1</sup>	Not available	Not applicable <sup>1</sup>	Not applicable <sup>1</sup>	80%	80%

<sup>1</sup> This indicator was not adopted as a standard in the year indicated.

2. (KEY) To bring about the savings of 7.0 trillion BTUs of energy through the encouragement of energy efficiency in residences and in commercial and industrial facilities.

Strategic Link: Goal II; Objective II.1: To aggressively support statewide commercial, industrial and residential energy conservation, to achieve compliance with state laws and meet the applicable federal energy conservation mandate, as typified by the Energy Policy Act of 1992 and the Clean Air Act amendments of 1990 and the Louisiana Commercial Building Energy Conservation Code Act of 1120 of 1997, R.S. 40:1730:21 to 40:1730:32.

LEVEL	PERFORMANCE INDICATOR NAME	PERFORMANCE INDICATOR VALUES					
		YEAREND PERFORMANCE STANDARD FY 1998-1999	ACTUAL YEAREND PERFORMANCE FY 1998-1999	ACT 10 PERFORMANCE STANDARD FY 1999-2000	EXISTING PERFORMANCE STANDARD FY 1999-2000	AT CONTINUATION BUDGET LEVEL FY 2000-2001	AT RECOMMENDED BUDGET LEVEL FY 2000-2001
K	Annual energy saved from currently active projects (in trillion BTUs per year)	10.6 <sup>1</sup>	13.1 <sup>1</sup>	7.0	7.0	7.0	7.0

<sup>1</sup> In FY 1998-99 this indicator was worded, "Energy usage reduced (expressed as millions of gallons of gasoline). " The figure shown in this column indicates the same amount of energy expressed as BTUs for consistency with the rest of the table.

## RESOURCE ALLOCATION FOR THE PROGRAM

	ACTUAL 1998-1999	ACT 10 1999- 2000	EXISTING 1999- 2000	CONTINUATION 2000 - 2001	RECOMMENDED 2000 - 2001	RECOMMENDED OVER/(UNDER) EXISTING
MEANS OF FINANCING:						
STATE GENERAL FUND (Direct)	\$0	\$0	\$0	\$0	\$0	\$0
STATE GENERAL FUND BY:						
Interagency Transfers	0	248,296	248,296	237,556	226,452	(21,844)
Fees & Self-gen. Revenues	0	0	0	0	0	0
Statutory Dedications	0	0	0	0	0	0
Interim Emergency Board	0	0	0	0	0	0
FEDERAL FUNDS	5,055,063	17,595,185	17,595,185	10,137,913	10,453,869	(7,141,316)
TOTAL MEANS OF FINANCING	<b>\$5,055,063</b>	<b>\$17,843,481</b>	<b>\$17,843,481</b>	<b>\$10,375,469</b>	<b>\$10,680,321</b>	<b>(\$7,163,160)</b>
EXPENDITURES & REQUEST:						
Salaries	\$279,300	\$658,801	\$658,801	\$605,093	\$602,344	(\$56,457)
Other Compensation	30,116	17,323	13,000	13,000	13,000	0
Related Benefits	50,580	109,777	114,100	104,442	104,758	(9,342)
Total Operating Expenses	65,081	400,453	400,494	410,360	402,895	2,401
Professional Services	0	17,200	17,200	60,000	60,000	42,800
Total Other Charges	4,612,439	16,558,627	16,558,586	9,182,574	9,497,324	(7,061,262)
Total Acq. & Major Repairs	17,547	81,300	81,300	0	0	(81,300)
TOTAL EXPENDITURES AND REQUEST	<b>\$5,055,063</b>	<b>\$17,843,481</b>	<b>\$17,843,481</b>	<b>\$10,375,469</b>	<b>\$10,680,321</b>	<b>(\$7,163,160)</b>
AUTHORIZED FULL-TIME EQUIVALENTS: Classified	9	14	14	14	14	0
Unclassified	0	0	0	0	0	0
TOTAL	9	14	14	14	14	0

## SOURCE OF FUNDING

This program is funded with Interagency Transfers, Federal Funds and Federal Energy Settlement Funds which are commonly referred to as the oil overcharge refunds. The source of the Interagency Transfer is from the Office of Mineral Resources for administrative cost. During the period of September 1, 1979 through January 21, 1989, there were federal price and distribution controls on crude oil products and refined petroleum products which oil producers violated. These funds are distributed among the states according to formulae set by the courts of U.S. Department of Energy. These funds can be used for the administration and funding of five specific energy conservation programs: State Energy Conservation Program, Energy Extension Service, Institutional Conservation Program, Weatherization Assistance Program and/or Low Income Home Energy Assistance Program.

## ANALYSIS OF RECOMMENDATION

GENERAL FUND	TOTAL	T.O.	DESCRIPTION
\$0	\$17,843,481	14	ACT 10 FISCAL YEAR 1999-2000
			BA-7 TRANSACTIONS:
\$0	\$0	0	None
\$0	\$17,843,481	14	EXISTING OPERATING BUDGET – December 3, 1999
\$0	(\$39,263)	0	Annualization of FY 1999-2000 Classified State Employees Merit Increase
\$0	(\$39,263)	0	Classified State Employees Merit Increases for FY 2000-2001
\$0	(\$81,300)	0	Non-Recurring Acquisitions & Major Repairs
\$0	(\$1,558)	0	Salary Base Adjustment
\$0	(\$3,087)	0	Salary Funding from Other Line Items
\$0	(\$7,385,252)	0	Other Non-Recurring Adjustments - Reduction in Federal Funds for contracts that have been completed
\$0	(\$10,774)	0	Other Non-Recurring Adjustments - Reduction in IAT from the Office of Mineral Resources for indirect cost
\$0	\$70,000	0	Other Adjustments - Federal grant to conserve energy in Louisiana
\$0	\$24,050	0	Other Adjustments - Funding provided to develop research road maps for industry in Louisiana to conserve energy
\$0	\$128,793	0	Other Adjustments - Funding provided to train builders, architects, engineers and residential customers on mandatory energy codes
\$0	\$174,494	0	Other Adjustments - Funding provided for LA School Energy Management Project to track expenses and develop conservation methods for high usage areas throughout the state
\$0	\$10,680,321	14	TOTAL RECOMMENDED
\$0	\$0	0	LESS GOVERNOR'S SUPPLEMENTARY RECOMMENDATIONS
\$0	\$10,680,321	14	BASE EXECUTIVE BUDGET FISCAL YEAR 2000-2001
			SUPPLEMENTARY RECOMMENDATIONS CONTINGENT ON SALES TAX RENEWAL:
\$0	\$0	0	None
\$0	\$0	0	TOTAL SUPPLEMENTARY RECOMMENDATIONS CONTINGENT ON SALES TAX RENEWAL
			SUPPLEMENTARY RECOMMENDATIONS CONTINGENT ON NEW REVENUE:
\$0	\$0	0	None
\$0	\$0	0	TOTAL SUPPLEMENTARY RECOMMENDATIONS CONTINGENT ON NEW REVENUE

**\$0      \$10,680,321      14      GRAND TOTAL RECOMMENDED**

The total means of financing for this program is recommended at 59.8% of the existing operating budget. It represents 98.2% of the total request (\$10,694,966) for this program. The 40.2% decrease from the existing operating budget is due to non-recurring acquisitions and major repairs and a non-recurring adjustment in federal funding for projects that have been completed. This program does not have any positions that have been vacant for one (1) year or more.

### **PROFESSIONAL SERVICES**

\$42,800      Federal grant to conserve energy in Louisiana  
\$17,200      Industries of the Future grant provided to coordinate activities to develop research on road maps for industries in Louisiana to conserve energy

**\$60,000      TOTAL PROFESSIONAL SERVICES**

### **OTHER CHARGES**

\$4,559,525      Federal Energy Settlement Funds provided for energy conservation demonstration projects (i.e., Tulane University - Residential Indoor Air Quality; Low-Income, Elderly and Native American Outreach Program; Statewide Dry Hydrants; Rapides Recycles; Landfill Gas Recovery & Database Development Project).  
\$24,050      Training Engineers on mandated energy codes  
\$14,241      Technology Assessment - Federal Energy Settlement Funds for Energy Education activity  
\$244,597      Nice 3 grant provided for a variety of industrial applications to promote clean production and energy efficiency  
\$128,793      Model Energy Codes

**\$4,971,206      SUB-TOTAL OTHER CHARGES**

#### **Interagency Transfers:**

\$4,351,624      Federal Energy Settlement Funds provided for energy conservation demonstration projects, contracts and grants to various state agencies (i.e., LSU - Waste Incineration/Steam Generation Facility; DEQ - Statewide Recycling Awareness; Louisiana Tech University - Energy Conservation in the Home; LSU Center for Energy, Environmental and Coastal Resources management; UNO - Center for Energy Resources Management; LSU/Eunice - Vanpooling; USL - Crawfish Research Institute for Alligator Culture Biofiltration and Energy Conservation in Shrimp Trawling).  
\$174,494      Funding provided for LA School Energy Management Project to track expenses and develop conservation methods for high usage areas throughout the state

**\$4,526,118      SUB-TOTAL INTERAGENCY TRANSFERS**

**\$9,497,324      TOTAL OTHER CHARGES**

## **ACQUISITIONS AND MAJOR REPAIRS**

This program does not have funding for Acquisitions and Major Repairs for Fiscal Year 2000-2001.